



INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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066821-0267

SERIAL NO.
10/766,682

APPLICANT
Reed, John C., et al.

FILING DATE
January 27, 2004

GROUP
1634

U.S. PATENT DOCUMENTS

| EXAMINER'S INITIALS | CITE NO. | Document Number Number-Kind Codez (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|---------------------|----------|---|--------------------------------|---|---|
| SW | 1 | US 5,223,409 | 06-29-1993 | LADNER et al. | |
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FOREIGN PATENT DOCUMENTS

| EXAMINER'S INITIALS | CITE NO. | Foreign Patent Document Country Codes-Number & Kind Codes (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines Where Relevant Figures Appear | Translation Yes No |
|---------------------|----------|--|--------------------------------|--|---|-----------------------|
| SW | 2 | WO 96/12016 | 04-25-96 | | | |
| | 3 | WO 99/40102 | 08-12-99 | | | |
| | 4 | WO99/40102 (corrected) | 08-12-99 | | | |
| | 5 | WO 01/00826 | 01-04-01 | | | |
| | 6 | WO 01/18042 | 03-15-01 | | | |
| | 7 | WO 01/30971 | 05-03-01 | | | |
| | 8 | WO 01/66690 | 09-13-01 | | | |
| SW | 9 | WO 01/72822 | 10-04-01 | | | |
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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|---------------------|----------|---|
| SW | 10 | AHMAD et al., "CRADD, a novel human apoptotic adaptor molecule for caspase-2, and FasL/tumor necrosis factor receptor-interacting protein RIP," <u>Cancer Res.</u> 57:615-619 (1997) |
| SW | 11 | ALTSCHUL et al., "Gapped Blast and PSI-Blast: a new generation of protein database search programs," <u>Nucleic Acids Res.</u> 25:3389-3402 (1997) |

EXAMINER
/Samuel Woolwine/ (06/30/2006)

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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References were cited in previous application no.: 09/864,921

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|--|----|--|---------------------------------|
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION | | ATTY. DOCKET NO. 066821-0267 | SERIAL NO. 10/766,682 |
| | | APPLICANT Reed, John C., et al. | |
| | | FILING DATE January 27, 2004 | GROUP 1634 |
| SW | 12 | BERTIN et al., "Human CARD4 Protein is a Novel CED-4/Apaf-1 Cell Death Family Member that Activates NF-kB," <u>J. Biol. Chem.</u> 274:12955-12958 (1999) | |
| | 13 | DAMIANO et al., "CLAN, a Novel Human CED-4-like Gene," <u>Genomics</u> 75:77-83(2001) | |
| | 14 | DIDONATO et al., "A cytokine-responsive Ikb kinase that activates the transcription factor NF-kB," <u>Nature</u> 388:548-554 (1997) | |
| | 15 | DUJON et al., The yeast genome project: what did we learn? <u>Trends in Genetics</u> 12(7):263-270 (1996) | |
| | 16 | ELLERBY et al., "Anti-cancer activity of targeted pro-apoptotic peptides," <u>Nature Med.</u> 5:1032-1038 (1999) | |
| | 17 | FLETCHER et al., "A synthetic inhibitor of interleukin-1 beta converting enzyme prevents endotoxin-induced interleukin-1 beta production in vitro and in vivo," <u>J. Interferon Cytokine Res.</u> 15:243-248 (1995) | |
| | 18 | GEDDES et al., "Human CARD12 Is a Novel CED4/Apaf-1 Family Member That Induces Apoptosis," <u>Biochemical and Biophysical Research Communications</u> 284:77-82 (2001) | |
| | 19 | GREGORIADIS, <u>Liposome Technology</u> , Vols. I to III, 2nded., CRC Press, Boca Raton FL (1993). (Table of contents only) | |
| | 20 | HOFMANN et al., "The CARD domain: a new apoptotic signalling motif," <u>Trends Biochem. Sci.</u> 22:155-156 (1997) | |
| | 21 | HOLINGER et al., "Bak BH3 Peptides Antagonize Bcl-xL Function and Induce Apoptosis through Cytochrome c-independent Activation of Caspases," <u>J. Biol. Chem.</u> 274:13298-13304 (1999) | |
| | 22 | INOHARA et al., "Nod1, an Apaf-1-like Activator of Caspase-9 and Nuclear Factor-kB," <u>J. Biol. Chem.</u> 274:14560-14567 (1999) | |
| | 23 | KOBÉ et al., "Proteins with leucine-rich repeats," <u>Current Opinion in Structural Biology</u> 3(5):409-416 (1995) | |
| | 24 | KOONIN et al., "The NACHT family - a new group of predicted NTPases implicated in apoptosis and MHC transcription activation," <u>TIBS</u> 25(5):223-224 (2000) | |
| | 25 | LI et al., "Cytochrome c and dATP-Dependent Formation of Apaf-1/Caspase-9 Complex Initiates an Apoptotic Protease Cascade," <u>Cell</u> 91:479-489 (1997) | |
| | 26 | NEUFELD et al., "The Drosophila peanut Gene Is Required for Cytokinesis and Encodes a Protein Similar to Yeast Putative Bud Neck Filament Proteins," <u>Cell</u> 77:371-379 (1994) | |
| | 27 | OGURA et al., "Nod2, a Nod1/Apaf-1 family member that is restricted to monocytes and activates NF-kB," <u>J. of Biol. Chem.</u> 276 (7):4812-4818 (2001) | |
| SW | 28 | POYET et al., "Identification of Ipaf, a Human Caspase-1-activating Protein Related to Apaf-1," <u>Journal of Biological Chemistry</u> 276:28309-28313 (2001) | |

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|--|-----------------|
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| | | | |
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| | | APPLICANT Reed, John C., et al. | |
| | | FILING DATE January 27, 2004 | GROUP 1634 |
| SW | 29 | RANO et al., "A combinatorial approach for determining protease specificities: application to interleukin-1 beta converting enzyme (ICE)," <u>Chem. Biol.</u> 4:149-155 (1997) | |
| | 30 | RODRIGUEZ et al., "Dark is a Drosophila homologue of Apaf-1/CED-4 and functions in an evolutionarily conserved death pathway," <u>Nature Cell Biol.</u> 1:272-279 (1999) | |
| | 31 | ROST et al., "Enzyme function less conserved than anticipated," <u>Journal of Molecular Biology</u> 318:595-609 (2002) | |
| | 32 | ROTHER et al., "The TNFR2-TRAF Signaling Complex Contains Two Novel Proteins Related to Baculoviral Inhibitor of Apoptosis Proteins," <u>Cell</u> 83:1243-1252 (1995) | |
| | 33 | ROTONDA et al., "The three-dimensional structure of apopain/CPP32, a key mediator of apoptosis," <u>Nature Struct. Biol.</u> 3:619-625 (1996) | |
| | 34 | RYCHLEWSKI et al., "Comparison of sequence profiles. Strategies for structural predictions using sequence information," <u>Protein Science</u> 9:232-241 (2000) | |
| | 35 | SALEH et al., "Cytochrome c and dATP-mediated Oligomerization of Apaf-1 Is a Prerequisite for Procaspase-9 Activation," <u>J. Biol. Chem.</u> 274:17941-17945 (1999) | |
| | 36 | SCHWARZE et al., "In Vivo Protein Transduction: Delivery of a Biologically Active Protein into the Mouse," <u>Science</u> 285:1569-1572 (1999) | |
| | 37 | STAPLETON et al., "The crystal structure of an Eph receptor SAM domain reveals a mechanism for modular dimerization," <u>Nature Structural Biology</u> 6(1):44-49 (1999) | |
| | 38 | TATUSOVA et al., "Blast 2 Sequences, a new tool for comparing protein and nucleotide sequences," <u>FEMS Microbiol Lett.</u> 174:247-250 (1999) | |
| | 39 | THOME et al., "Identification of CARDIAK, a RIP-like kinase that associates with caspase-1," <u>Curr. Biol.</u> 8:885-888 (1998) | |
| | 40 | THORNBERRY., "Caspases: key mediators of apoptosis," <u>Chemistry and Biology</u> 5:R97-R103 (1998) | |
| | 41 | THORNBERRY et al., "A novel heterodimeric cysteine protease is required for interleukin-1 beta processing in monocytes," <u>Nature</u> 356:768-774 (1992) | |
| | 42 | THORNBERRY et al., "Interleukin-1 beta converting enzyme: a novel cysteine protease required for IL-1 beta production and implicated in programmed cell death," <u>Protein Sci.</u> 4:3-12 (1995) | |
| | 43 | TSCHOPP et al., "Inhibition of Fas death signals by FLIPs," <u>Curr. Op. Immunol.</u> 10:552-558 (1998) | |
| | 44 | VAN DER BIEZEN et al., "The NB-ARC domain: a novel signalling [sic] motif shared by plant resistance gene products and regulators of cell death in animals," <u>Curr. Biol.</u> 8:R226-R227 (1998) | |
| ↓ | 45 | VOCERO-AKBANI et al., "Killing HIV-infected cells by transduction with an HIV protease-activated caspase-3 protein," <u>Nature Med.</u> 5:29-33 (1999) | |
| SW | 46 | WILLIS et al., "Bcl10 is Involved in the production of MALT B Cell Lymphoma and Mutated in Multiple Tumor Types," <u>Cell</u> 96:35-45 (1999) | |
| EXAMINER /Samuel Woolwine/ (06/30/2006) | | DATE CONSIDERED | |

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| | | FILING DATE January 27, 2004 | GROUP 1634 |
| SW | 47 | YUAN et al., "The Caenorhabditis elegans cell death gene ced-4 encodes a novel protein and is expressed during the period of extensive programmed cell death," <u>Development</u> 116:309-320 (1992) | |
| | 48 | ZOU et al., "Apaf-1, a Human Protein Homologous to C. elegans CED-4, Participates in Cytochrome c-Dependent Activation of Caspase-3," <u>Cell</u> 90:405-413 (1997) | |
| | 49 | ZOU et al., "An APAF-1-Cytochrome c Multimeric Complex is a Functional Apoptosome that Activates Procaspase-9," <u>J. Biol. Chem.</u> 274:11549-11556 (1999) | |
| | 50 | Database Accession No. AC007728 | |
| | 51 | Database Accession No. AC010968 | |
| | 52 | Database Accession No. AC016492 | |
| | 53 | Database Accession No. AC025758 | |
| | 54 | Database Accession No. AC026732 | |
| | 55 | Database Accession No. AQ534686 | |
| | 56 | GenBank: AC008810 | |
| | 57 | GenBank: AC007728 | |
| | 58 | GenBank: NT-002476 | |
| | 59 | GenBank: AC010968 | |
| | 60 | GenBank: AP001153 | |
| | 61 | GenBank: AC022468 | |
| | 62 | GenBank: AP000799 (withdrawn) | |
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| | 69 | GenBank: AA418021 | |
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| | 71 | GenBank: W58488 | |
| | 72 | GenBank: AA418193 | |
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